

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 July 2006 (06.07.2006)

PCT

(10) International Publication Number
WO 2006/071210 A1

(51) International Patent Classification:
A61N 1/08 (2006.01)

(21) International Application Number:
PCT/US2004/043288

(22) International Filing Date:
27 December 2004 (27.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003907138 24 December 2004 (24.12.2004) AU

(71) Applicant (for all designated States except US):
COCHLEAR AMERICAS [US/US]; 400 INVER-
NESS PARKWAY, SUITE 400, ENGLEWOOD, Colorado
80112 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DARLEY, Ian
[AU/AU]; 18 NORTHCOTT ROAD, CROMER
HEIGHTS, New South Wales 2099 (AU). SINGLE,

Peter [AU/AU]; 54 AVIAN CRESCENT, LANE COVE,
New South Wales 2066 (AU). GOOREVICH, Michael
[AU/AU]; 16 KROOMBIT STREET, DULWICH HILL,
New South Wales 2203 (AU).

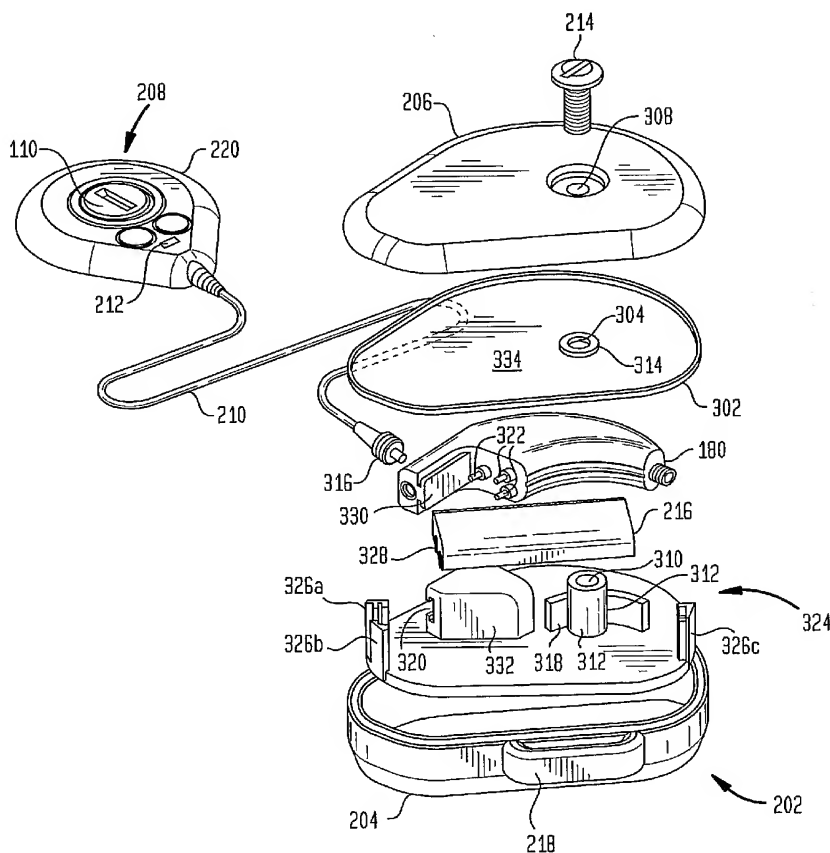
(74) Agent: JAGTIANI, Ajay; 10363-A Democracy Lane,
Fairfax, Virginia 22030 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: TRANSFORMABLE SPEECH PROCESSOR MODULE FOR A HEARING PROSTHESIS



(57) Abstract: A speech processor module is disclosed. The speech processor module is configured to be implemented in more than one mode of operation of a hearing prosthesis including as a component of a stand-alone speech processing unit, and as a component of a body-worn speech processing unit, wherein said body-worn speech processing unit comprises a case that protects the speech processor module from environmental conditions which can damage said speech processor module implemented in said stand-alone operating mode.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*